

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

04/30/1999 DALEXAND 00000054 09295709

01 FC:101  
02 FC:102

760.00 OP  
78.00 OP

PTO-1556  
(5/87)

\*U.S. GPO: 1998-433-214/80404

04/21/99  
JCS63 U.S. PTO

Please type a plus sign (+) in this box → ☐

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

Attorney Docket No.

2911.1US(96-0436.1)

First Inventor or Application Identifier

Jiang et al.

Title

GRAVITATIONALLY-ASSISTED CONTROL OF  
SPREAD OF VISCOUS MATERIAL APPLIED TO  
SEMICONDUCTOR ASSEMBLY COMPONENTS

Express Mail Label No.

EL248175219US

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2. ☒ Specification  
Total Pages **24**  
(preferred arrangement set forth below)  
-Descriptive title of the invention  
-Cross References to related Applications  
-Statement Regarding Fed Sponsored R&D  
-Reference to Microfiche Appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) Total Sheets **17**

4. Oath or Declaration Total Pages **2**

- a. ☐ Newly executed (original or copy)

- b. ☒ Copy from a prior application (37  
CFR 1.63(d))

(For continuation/divisional with Box 17 completed)  
(Note Box 5 below)

- i. ☐ **DELETION OF INVENTOR(S)**

Signed statement attached deleting  
inventor(s) named in the prior  
application, see 37 CFR 1.63(d)(2) and  
1.33(b).

5. ☒ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)

7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Copy

- b. ☐ Paper Copy (identical to computer copy)

- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet & document(s))

9. ☒ 37CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)

10. ☐ English Translation Document (if applicable)

11. ☒ Information Disclosure ☐ Copies of IDS  
Statement (IDS/PTO-1449) Citations

12. ☒ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)

14. ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired

15. ☐ Certified Copy of Priority Document(s)  
(If foreign priority is claimed)

16. ☐ Other: .....

\*A new statement is required to be entitled to pay small entity fees, except  
where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation

☒ Divisional

☐ Continuation-in-part (CIP)

Prior application information: Examiner D. Graybill

of prior Application No. 08/709,182

Group/Art Unit: 2814

**18. CORRESPONDENCE ADDRESS**

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or ☐ Correspondence address

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Registration No. (Attorney/Agent)

37,474

Signature

*Robert G. Winkle*

Date

4/21/99

04/21/99  
15593 U.S. PTO

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PTO/SB/17 (1/98)  
Approved for use through 9/30/2000. OMB 0651-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

<b>FEE TRANSMITTAL</b> <small>Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</small>		<b>Complete if Known</b>	
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 838.00		Application Number	To be assigned
		Filing Date	April 21, 1999
		First Named Inventor	Jiang et al.
		Examiner Name	To be assigned
		Group / Art Unit	To be assigned
		Attorney Docket No.	2911.1US

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>	
<b>1.</b> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 20-1469 Deposit Account Name: Trask, Britt & Rossa <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance		<b>3. ADDITIONAL FEES</b> Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid	
<b>2.</b> <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		105 130 205 65 Surcharge - late filing fee or oath	
<b>FEE CALCULATION</b>		127 50 227 25 Surcharge - late provisional filing fee or cover sheet.	
<b>1. BASIC FILING FEE</b>		139 130 139 130 Non-English specification	
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid		147 2,520 147 2,520 For filing a request for reexamination	
101 790 201 395 Utility filing fee 760		112 920* 112 920* Requesting publication of SIR prior to Examiner action	
106 330 206 165 Design filing fee		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
107 540 207 270 Plant filing fee		115 110 215 55 Extension for reply within first month	
108 790 208 395 Reissue filing fee		116 400 216 200 Extension for reply within second month	
114 150 214 75 Provisional filing fee		117 950 217 475 Extension for reply within third month	
SUBTOTAL (1) (\$) 760.00		118 1,510 218 755 Extension for reply within fourth month	
<b>2. EXTRA CLAIM FEES</b>		128 2,060 228 1,030 Extension for reply within fifth month	
Total Claims 7 - 20** = 0 X 18 = 0		119 310 219 155 Notice of Appeal	
Independent Claims 4 - 3** = 1 X 78 = 78		120 310 220 155 Filing a brief in support of an appeal	
Multiple Dependent		121 270 221 135 Request for oral hearing	
**or number previously paid, if greater; For Reissues, see below		138 1,510 138 1,510 Petition to institute a public use proceeding	
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid		140 110 240 55 Petition to revive - unavoidable	
103 22 203 11 Claims in excess of 20		141 1,320 241 660 Petition to revive - unintentional	
102 82 202 41 Independent claims in excess of 3		142 1,320 242 660 Utility issue fee (or reissue)	
104 270 204 135 Multiple dependent claim, if not paid		143 450 243 225 Design issue fee	
109 82 209 41 ** Reissue independent claims over original patent		144 670 244 335 Plant issue fee	
110 22 210 11 ** Reissue claims in excess of 20 and over original patent		122 130 122 130 Petitions to the Commissioner	
SUBTOTAL (2) (\$) 78.00		123 50 123 50 Petitions related to provisional applications	
		126 240 126 240 Submission of Information Disclosure Stmt	
		581 40 581 40 Recording each patent assignment per property (times number of properties)	
		146 790 246 395 Filing a submission after final rejection (37 CFR 1.129(a))	
		149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b))	
		Other fee (specify) _____	
		Other fee (specify) _____	
		* Reduced by Basic Filing Fee Paid	
		SUBTOTAL (3) (\$) _____	

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	Robert G. Winkle	Reg. Number	37.474
Signature		Deposit Account User ID	
	Date	4/21/99	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.